

Marine Chemistry 71 (2000) 337-339

MARINE CHEMISTRY

www.elsevier.nl/locate/marchem

## Author Index Vol. 71 (2000)

Andersson, P.S., see Gustafsson, Ö.	71 (2000) 1
Andreoli, C., see Moret, I.	71 (2000) 283
Arnarson, T.S. and R.G. Keil, Mechanisms of pore water organic matter adsorption to montmorillonite	71 (2000) 309
Arnosti, C., S.C. Keith and N.V. Blough, Application of fluorescence spectroscopic techniques and probes to the	
detection of biopolymer degradation in natural environments	71 (2000) 321
Baldi, F., see Ciglenečki, I.	71 (2000) 233
Barbante, C., see Moret, I.	71 (2000) 283
Blough, N.V., see Arnosti, C.	71 (2000) 321
Bory, A., see Jeandel, C.	71 (2000) 125
Bruland, K.W., see Wells, M.L.	71 (2000) 143
Byrne, R.H., see Hopkins, A.E.	71 (2000) 103
Ceburnis, D., see Schneider, B.	71 (2000) 297
Ciglenečki, I., B. Ćosović, V. Vojvodić, M. Plavšić, K. Furić, A. Minacci and F. Baldi, The role of reduced sulfur species	
in the coalescence of polysaccharides in the Adriatic Sea	71 (2000) 233
Comes, P., see Rosell-Melé, A.	71 (2000) 251
Corami, F., see Moret, I.	71 (2000) 283
Ćosović, B., see Ciglenečki, I.	71 (2000) 233
Cotté-Krief, MH., C. Guieu, A.J. Thomas and JM. Martin, Sources of Cd, Cu, Ni and Zn in Portuguese coastal waters	71 (2000) 199
Dehairs, F., see Jeandel, C.	71 (2000) 125
De Marco, R. and D.J. Mackey, Reply to "Comments on Calibration of a chalcogenide glass membrane ion-selective electrode for the determination of free Fe <sup>3+</sup> in seawater: I. Measurements in UV photooxidised seawater by De	
Marco and Mackey (Marine Chemistry 68 (2000) 283-294)" by Constant M.G. van den Berg	71 (2000) 333
Eglinton, T.I., see Goñi, M.A.	71 (2000) 23
Esslemont, G., Heavy metals in seawater, marine sediments and corals from the Townsville section, Great Barrier Reef Marine Park, Queensland	71 (2000) 215
Furić, K., see Ciglenečki, I.	71 (2000) 233
Gambaro, A., see Moret, I.	71 (2000) 283
Goñi, M.A., M.B. Yunker, R.W. Macdonald and T.I. Eglinton, Distribution and sources of organic biomarkers in arctic sediments from the Mackenzie River and Beaufort Shelf	71 (2000) 23
Guieu, C., see Cotté-Krief, MH.	71 (2000) 199
Gustafsson, Ö., A. Widerlund, P.S. Andersson, J. Ingri, P. Roos and A. Ledin, Colloid dynamics and transport of major elements through a boreal river — brackish bay mixing zone	71 (2000) 1
comens arough a coron from — cracking cay maning cone	, 1 (2000)
Hall, P.O.J., see Landén, A.	71 (2000) 53
Hopkins, A.E., K.S. Sell, A.L. Soli and R.H. Byrne, In-situ spectrophotometric pH measurements: the effect of pressure	
on thymol blue protonation and absorbance characteristics	71 (2000) 103
Ingri, J., see Gustafsson, Ö.	71 (2000) 1

Jeandel, C., K. Tachikawa, A. Bory and F. Dehairs, Biogenic barium in suspended and trapped material as a tracer of	
export production in the tropical NE Atlantic (EUMELI sites)	71 (2000) 125
Katsumoto, A., see Kuma, K.	71 (2000) 111
Keil, R.G., see Arnarson, T.S.	71 (2000) 309
Keith, S.C., see Arnosti, C.	71 (2000) 321
Koschinsky, A., see Sander, S.	71 (2000) 83
Kotani, Y., see Saito, H.	71 (2000) 69
Kuma, K., A. Katsumoto, N. Shiga, T. Sawabe and K. Matsunaga, Variation of size-fractionated Fe concentrations and Fe(III) hydroxide solubilities during a spring phytoplankton bloom in Funka Bay (Japan)	71 (2000) 111
Landén, A. and P.O.J. Hall, Benthic fluxes and pore water distributions of dissolved free amino acids in the open	71 (2000) 52
Skagerrak Ledin, A., see Gustafsson, Ö.	71 (2000) 53
	71 (2000) 1
Liu, Y.P., see Zhou, J.L.	71 (2000) 165
Macdonald, R.W., see Goñi, M.A.	71 (2000) 23
Mackey, D.J., see De Marco, R.	71 (2000) 333
Marks, R., see Schneider, B.	71 (2000) 297
Martin, JM., see Cotté-Krief, MH.	71 (2000) 199
Matsunaga, K., see Kuma, K.	71 (2000) 111
Milne, P.J., see Riemer, D.D.	71 (2000) 177
Minacci, A., see Ciglenečki, I.	71 (2000) 233
Moret, I., A. Gambaro, R. Piazza, C. Barbante, C. Andreoli, F. Corami and G. Scarponi, The seasonal variations of	()
dimethyl sulphide and carbon disulphide in surface waters of the Venice lagoon	71 (2000) 283
Müller, P.J., see Rosell-Melé, A.	71 (2000) 251
Munthe, J., see Schneider, B.	71 (2000) 297
Petersen, G., see Schneider, B.	71 (2000) 297
Piazza, R., see Moret, I.	71 (2000) 283
Plavšić, M., see Ciglenečki, I.	71 (2000) 233
Pos, W.H., see Riemer, D.D.	71 (2000) 177
Riemer, D.D., P.J. Milne, R.G. Zika and W.H. Pos, Photoproduction of nonmethane hydrocarbons (NMHCs) in seawater	71 (2000) 177
Roos, P., see Gustafsson, Ö.	71 (2000) 1
Rosell-Melé, A., P. Comes, P.J. Müller and P. Ziveri, Alkenone fluxes and anomalous $U_{37}^{K'}$ values during 1989–1990 in	
the Northeast Atlantic (48°N 21°W)	71 (2000) 251
Saito, H. and Y. Kotani, Lipids of four boreal species of calanoid copepods: origin of monoene fats of marine animals at	
higher trophic levels in the grazing food chain in the subarctic ocean ecosystem	71 (2000) 69
Sander, S. and A. Koschinsky, Onboard-ship redox speciation of chromium in diffuse hydrothermal fluids from the North	71 (2000) 07
Fiji Basin	71 (2000) 83
Sawabe, T., see Kuma, K.	71 (2000) 111
Scarponi, G., see Moret, I.	71 (2000) 283
Schneider, B., D. Ceburnis, R. Marks, J. Munthe, G. Petersen and M. Sofiev, Atmospheric Pb and Cd input into the Baltic	(2000) 200
Sea: a new estimate based on measurements	71 (2000) 297
Sell, K.S., see Hopkins, A.E.	71 (2000) 103
Shiga, N., see Kuma, K.	71 (2000) 111
Sirinawin, W., D.R. Turner and S. Westerlund, Chromium(VI) distributions in the Arctic and the Atlantic Oceans and a	
reassessment of the oceanic Cr cycle	71 (2000) 265
Smith, G.J., see Wells, M.L.	71 (2000) 143
Sofiev, M., see Schneider, B.	71 (2000) 297
Soli, A.L., see Hopkins, A.E.	71 (2000) 103
Tachikawa, K., see Jeandel, C.	71 (2000) 125
Thomas, A.J., see Cotté-Krief, MH.	71 (2000) 199
Turner, D.R., see Sirinawin, W.	71 (2000) 265

Van den Berg, C.M.G., Comments on "Calibration of a chalcogenide glass membrane ion-selective electrode for the determination of free Fe <sup>3+</sup> in seawater: I. Measurements in UV photooxidised seawater" by De Marco and Mackey	
(Marine Chemistry 68 (2000) 283-294)	71 (2000) 331
Vojvodić, V., see Ciglenečki, I.	71 (2000) 233
Wells, M.L., G.J. Smith and K.W. Bruland, The distribution of colloidal and particulate bioactive metals in Narragansett	
Bay, RI	71 (2000) 143
Westerlund, S., see Sirinawin, W.	71 (2000) 265
Widerlund, A., see Gustafsson, Ö.	71 (2000) 1
Yunker, M.B., see Goñi, M.A.	71 (2000) 23
Zhou, J.L. and Y.P. Liu, Kinetics and equilibria of the interactions between diethylhexyl phthalate and sediment particles	
in simulated estuarine systems	71 (2000) 165
Zika, R.G., see Riemer, D.D.	71 (2000) 177
Ziveri, P., see Rosell-Melé, A.	71 (2000) 251





Marine Chemistry 71 (2000) 341-342

## MARINE CHEMISTRY

www.elsevier.nl/locate/marchem

## Keyword Index Vol. 71 (2000)

Adriatic Sea, 71 (2000) 233 Adsorption, 71 (2000) 309 Aggregation, 71 (2000) 1 Alkenone fluxes, 71 (2000) 251 Amino acids, 71 (2000) 53 Arctic Ocean, 71 (2000) 265 Atlantic Ocean, seawater, 71 (2000) 265 Atmospheric deposition, 71 (2000) 297

Baltic Sea, 71 (2000) 297 Bay water, 71 (2000) 111 Beaufort Shelf, 71 (2000) 23 Benthic fluxes, 71 (2000) 53 Biogenic barium, 71 (2000) 125 Biopolymer, 71 (2000) 321 Bothnic Bay, 71 (2000) 1

Cadmium, 71 (2000) 297
Carbon dioxide system, 71 (2000) 103
Carbon disulphide, 71 (2000) 283
Chemoecology, 71 (2000) 69
Chromium, 71 (2000) 265
Chromium speciation, 71 (2000) 83
Chromium(VI), 71 (2000) 265
Coastal sediments, 71 (2000) 309
Coelenterata, 71 (2000) 215
Colloid, 71 (2000) 143
Colloids, 71 (2000) 1
Confocal laser microscopy, 71 (2000) 233
Copepod, 71 (2000) 69
Cross flow filtration, 71 (2000) 143

Diethylhexyl phthalate, 71 (2000) 165 Dimethyl sulphide, 71 (2000) 283 Dissolved organic matter, 71 (2000) 309 Dissolved organic matter (DOM), 71 (2000) 177 Dissolved trace metals, 71 (2000) 199

Environmental geology, 71 (2000) 215 Enzymes, 71 (2000) 321 Estuary, 71 (2000) 165 Export production, 71 (2000) 125

Fluorescence spectroscopy, 71 (2000) 321 Flux, 71 (2000) 125

PII: S0304-4203(00)00069-4

Heavy metals, 71 (2000) 215 High pressure, 71 (2000) 103 Hydrolysis, 71 (2000) 321 Hydrothermal fluids, 71 (2000) 83

Iron, 71 (2000) 111 Iron solubility, 71 (2000) 111

Kalix River, 71 (2000) 1

Lead, 71 (2000) 297 Liberty Bay, 71 (2000) 309 Low-salinity zone, 71 (2000) 1

Mackenzie River, 71 (2000) 23 Margin, 71 (2000) 199 Marine grazing food chain, 71 (2000) 69 Marine lipid, 71 (2000) 69 Mechanisms, 71 (2000) 309 Metals, 71 (2000) 143 Monoene, 71 (2000) 69 Mucilage, 71 (2000) 233

Narragansett Bay, 71 (2000) 143 Nonmethane hydrocarbons (NMHCs), 71 (2000) 177 Northeast Atlantic, 71 (2000) 251 North Fiji Basin, 71 (2000) 83

Oceanography, 71 (2000) 125 Organic biomarker, 71 (2000) 23

Partial molar volume, 71 (2000) 103
Particulate, 71 (2000) 143
Partition coefficient, 71 (2000) 165
Photochemistry, 71 (2000) 177
Photoproduction, 71 (2000) 177
Polarization, 71 (2000) 321
Polysaccharides, 71 (2000) 233
Pore water, 71 (2000) 309
Pore water distributions, 71 (2000) 53
Portugal, 71 (2000) 199
Proxy, 71 (2000) 125
Puget Sound, 71 (2000) 309

Raman spectroscopy, 71 (2000) 233 River input, 71 (2000) 199

Salting-out effect, 71 (2000) 165
Seasonal variations, 71 (2000) 283
Sea surface temperature (SST), 71 (2000) 251
Seawater, 71 (2000) 83, 215
Seawater pH, 71 (2000) 103
Sediment concentration, 71 (2000) 165
Sediment organic matter, 71 (2000) 165
Sediments, 71 (2000) 215
Size fraction, 71 (2000) 111
Skagerrak, 71 (2000) 53
Spectrophotometric, 71 (2000) 103
Sulfur, 71 (2000) 233

Tagus Estuary, 71 (2000) 199 Thymol blue, 71 (2000) 103 Tinto/Odiel rivers, 71 (2000) 199 Townsville, Australia, 71 (2000) 215 Triacylglycerol, 71 (2000) 69 Tropical Atlantic, 71 (2000) 125

Upwelling, 71 (2000) 199 USA, 71 (2000) 309 U<sub>37</sub>' values, 71 (2000) 251

Voltammetry, 71 (2000) 83, 233

Washington, 71 (2000) 309